

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/50899

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01P1/208

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 401 995 A (HUGHES AIRCRAFT CO) 12 December 1990 (1990-12-12) column 3, line 40 - column 4, line 52	1
A	SCHMIEDEL H ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "LOW-COST WAVEGUIDE FILTERS WITH PRINTED-CIRCUIT INSERTS" 1996 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST. SAN FRANCISCO, JUNE 17 - 21, 1996, IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST, NEW YORK, IEEE, US, vol. VOL. 2, 17 June 1996 (1996-06-17), pages 611-614, XP000731944 ISBN: 0-7803-3247-4 abstract; figure 1	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

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- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
31 March 2004	07/04/2004
Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer La Casta Muñoa, S

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/EP 03/50899**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 729 197 A (ALCATEL ESPACIO) 28 August 1996 (1996-08-28) abstract; figure 3	7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0401995	A	12-12-1990	US 4970480 A		13-11-1990
			CA 2015026 A1		09-12-1990
			EP 0401995 A2		12-12-1990
			JP 3171801 A		25-07-1991
			JP 7079203 B		23-08-1995
EP 0729197	A	28-08-1996	AU 4444096 A		29-08-1996
			CA 2170092 A1		24-08-1996
			EP 0729197 A1		28-08-1996